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MONTANA HIGHWAY COMMISSION

Vol. IV., No. 7.

August, 1961

MONTANA LOW ON LICENSE TO VEHICLE RATIO

For the second straight year, according to a Bureau of Public Roads release, Montana has less operators per vehicle in 1960 than any state in the union. We would prefer to think that this tended to indicate that there were more vehicles to each operator. Only two states, Nevada and Montana had less than one licensed operator per vehicle, with Montana having 0.95, and Nevada 0.98. The national average is 1.20 drivers per vehicle.

FAIR EXHIBITS MAKING THE ROUNDS

Two exhibits are currently making the rounds of the fair circuits, and on one occasion, there were exhibits at three separate fairs at the same time. The exhibits depict the value of new roads, the cost of littering and vandalism, and other information regarding the program and some interesting photos of work completed or under way on the highways of the state. Exhibits have been or will be at Shelby, Lewistown, Great Falls, Scobey, Terry, Billings, Havre, Deer Lodge, Glendive, Missoula, Kalispell, and Hamilton.

RAY WILEY TAKES ON NEW RESPONSIBILITIES

Ray Wiley, of Belt, has been promoted from Project Engineer to Resident Engineer, and transferred to Great Falls, where he will assist Division Engineer Bud McGiffin on Maintenance of the roads in the Great Falls Division. Congratulations, Ray.

Word also comes from Personnel that W. F. Nimmons of Bozeman has been promoted to Project Engineer, and that another new Project Engineer is Lawrence Chesik, of Great Falls.

INTERSTATE REACHES 200 MILE MARK

Sometime ago, we predicted that during 1961, the mileage of Montana's Interstate system, either completed, or under construction, would reach 200 miles. It begins to look now, as if we were a bit modest, as over 60 miles of the system have been let during this year alone, bringing the total now, either completed, or under construction to 201.229 miles. The latest contracts for Interstate Construction were the Hathaway sections, totaling 13 miles, and extending west from the Radar Base at Miles City.

This leaves about 986 miles to get under construction, but with the regularity with which it is going to contract, it looks as if Montana will be able to complete its share on time. Much of the preliminary planning is now out of the way, and because the entire alignment has been established, we should have no more controversies in that field. Surveys are complete and designing is in the final stages of another large portion of the Interstate, and appraisals and right of way negotiations are under way approximately 75 additional miles.

It hasn't been easy to overcome all the difficulties posed by the Interstate, and only through a concerted effort of all divisions, has it been possible to reach the level we are on now, and should be able to remain on till it is completed. Every division should take pride in the output of the fellows who have contributed to this effort. In addition, we are sure that the output of contracts on the Interstate and other systems will remain on the same high level for years to come.

We believe that the highway user is anxious to be able to travel on the Interstate, and realizes the benefits to be derived from travel on it, so

(Continued on page 2)

AWARD SHEET PROJECT NO.	Amount of Bid	Bidder	Setting of July 19, 1961 Address
F 42(1) Unit 1 Idaho Line-Wisdom Beaverhead County	\$ 699,594.72	Stanley Arkwright, Inc.	Billings, Mont.
F 42(1) Unit 2 Idaho Line-Wisdom Beaverhead County (Structure)	\$ 69,600.05	Watters Const. Co., Inc.	Helena, Mont.
I 94-3(3) 114 U1 & I 94-4(9) 119 U1 Hathaway East & West Hathaway East Rosebud & Custer Counties	\$ 829,372.47	Schultz & Lindsay Const.	Fargo, N. Dak.
I 94-3(3) 114 U2 Hathaway East & West Rosebud County (Structure)	\$ 56,566.02	F. L. Flynn & Co.	Billings, Mont.
I 94-3(3) 114 U3 & I 94-4 119 U2 Hathaway East & West Hathaway East Rosebud & Custer Counties (Fencing)	\$ 31,598.00	Hout Fencing Co.	Miles City, Mont.
I 94-4(8) 120 U1 Hathaway East Custer County	\$1,302,922.13	Schultz & Lindsay Const.	Fargo, N. Dak.
I 94-4(8) 120 U2 Hathaway East Custer County (Structure)	\$ 46,597.18	N. A. Nelson Const. Co.	Sheridan, Wyo.
I 94-4(8) 120 U3 Hathaway East Custer County (Fencing)	\$ 47,215.00	Walter Mackin & Son	Billings, Mont.
AR 302-0061-05-012 Chester-Gildford Hill County (Repair Structure)	NO BIDS		
S-SG 272(2) N.W. Frenchtown Wye-Westerly Missoula County	\$ 46,331.95	Narnache & Konda Const.	Butte, Mont.
S 290(12) Geraldine-Fort Benton Chouteau County	\$ 526,260.65	N. A. Nelson Const. Co.	Sheridan, Wyo.
S 291(6) Avon-Helmville Powell County	\$ 336,918.99	Peter Kiewit Sons Co.	Billings, Mont.
SMP 102-1501-02-12-42 Remodeling Building Kalispell, Montana	\$ 21,675.00	Robert W. Ross	Kalispell, Mont.
SMP 1699-61 Crushing & Stockpiling Gallatin & Madison Counties	\$ 47,415.00	Wilbur B. Harding Const.	Bozeman, Mont.
SMP 3110-22 Seal Coating Mineral County	\$ 68,437.00	Zook Bros. Const. Co.	Great Falls, Mont.
Total for Month.....	\$ 4,130,504.16		
Total for 1961 so far.....	\$30,413,076.35		

ACCIDENTS CAN BE EXCITING

ARE YOU BORED with it all? Are you looking for a new horizon? Have an accident.

Accidents can open up a whole new exciting world for you. You'll see places and experience sensations like way out there.

You'll meet pretty young nurses—and probing doctors.

You'll learn how emergency wards, operating rooms, surgeons and other specialists function—first hand.

You may get a stub or scar which will make an ideal conversation piece.

You can write a best seller on, "How I Was Brought Back from the Brink," or "How a Cripple Can Up His Income."

You may get your name in the paper. Maybe even get a headline like "Drunk Runs Into School Bus."

You can collect on that accident insurance you've been pouring money down the drain on so long.

You may deduct your time lost from work on your income tax return.

You can sit around the house while recuperating and catch up on all the daytime T.V. shows.

You can solicit sympathy you'd never get otherwise, maybe even from the kids and spouse. . . .

Your physical system will be injected with all sorts of drugs and stimulants.

The wife might get to go to work, the older kids drop out of school, and so enrich their experiences.

The doctor may have to put on a regimen to cure some of your bad habits.

You might have to learn a new trade to replace the old one you can't continue and didn't like, anyway.

So live modern. Have an accident. Experience can be a good teacher—if you live through it.

IBM SECTION POPULAR WITH VISITORS

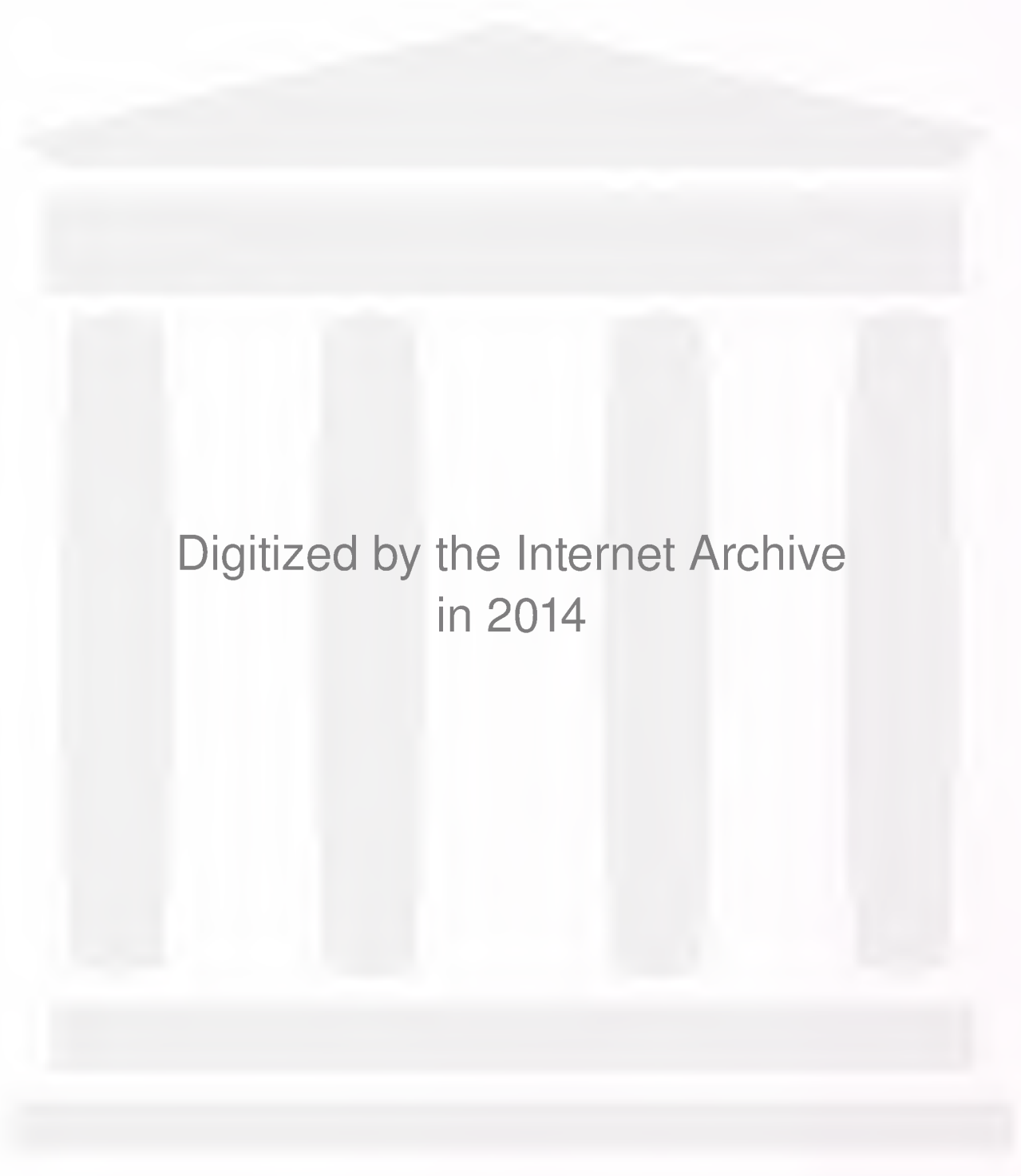
Eddie Biller, the genial Data Processing Engineer, has been host to many groups of individuals that are interested in mechanical mathematics, and one of the latest groups to visit the section was a group of students from the Montana School of Mines. Programs had been previously prepared by Dr. McCaslin and Dr. Vine for processing in the 650. Different methods of program preparation were demonstrated, and the different steps in programming were shown. The visit was so successful that the two professors plan on returning again in the near future to see demonstrations on the IBM 1620 which is currently on order. . . .

200 MILE MARK

(Continued from page 1)

with the continued cooperation of the courts, further encouragement by the Bureau of Public Roads, and increased demands from the highway user for its construction, that the work on the Interstate will remain on a high level until its completion.

Map Index Number	Project Number	Probable Completion Date	LENGTH, TYPE OF CONSTRUCTION AND LOCATION
<u>FEDERAL AID INTERSTATE PROJECTS</u>			
1	I 15-1 (11) 37 U 1	9-30-62	7.8 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (U. S. 91 - South to North of Armstead) .
	I 15-1 (11) 37 U 2	6-30-62	Four prestressed concrete beam structures, One 143 foot - Red Rock River, One 107 foot - County Road Separation, One 153 foot - Horse Prairie Interchanges, One 173 foot - Beaverhead River. (U. S. 91 - South to North of Armstead) .
	I 15-1 (11) 37 U 3	10-31-61	7.8 miles fencing and cattle guards. (U. S. 91 - South to North of Armstead) .
	I 15-5 (13) 239 U 1	6-30-62	9.7 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. Same construction on frontage road. (U. S. 91 - South to North of Cascade) .
	I 15-5 (13) 239 U 2	10-31-61	Four prestressed concrete beam structures, One 133 foot - Tintinger Interchange, One 82 foot - Frontage Road Separation, One 138 foot - South Cascade Interchange, One 123 foot - North Cascade Interchange. (U. S. 91 - South to North of Cascade) .
	I 15-5 (13) 239 U 3	6-30-62	9.7 miles fencing. (U. S. 91 - South to North of Cascade) .
3	I 94-4 (6) 136 U 1	9-15-62	11.6 miles grading, drainage, aggregate surfacing, Portland Cement Paving, plant mix bituminous and seal coat oiling. Three 20 foot and two 10 foot concrete slab junior grade separations. One 168 foot prestressed concrete beam structure - Baker Road Interchange U. S. 12 (U. S. 10 - Miles City - East) .
	I 94-4 (6) 136 U 2	10-16-62	11.6 miles fencing. (U. S. 10 - Miles City East) .
4	I 94-4 (5) 127 U 1	9-15-61	8.5 miles (0.8 miles four lane divided) grading, drainage, surfacing, Portland Cement Paving, plant mix bituminous and seal coat oiling. One 214 foot prestressed concrete beam overpass - Radar Base Interchange. Three concrete slab junior grade separations. (U. S. 10 - Miles City West) .
	I 94-4 (5) 127 U 2	9-15-61	8.5 miles fencing (U. S. 10 - Miles City West) .
5	I 15-2 (7) 127	9-15-61	Dual 168 foot steel girder overpasses - Montana Street Interchange. (U. S. 91 - In Butte) .
6	I 15-5 (9) 275 U 1	9-15-61	8.3 miles four lane divided, grading, drainage, surfacing, plant mix bituminous and seal coat oiling. (U. S. 91 - West of Great Falls) .
	I 15-5 (9) 275 U 3	9-15-61	8.3 miles fencing (U. S. 91 - West of Great Falls) .
7	I 90-3 (8) 180 U 1	9-15-61	8.6 miles (1.0 mile four lane divided) grading, drainage, surfacing, plant mix bituminous and seal coat oiling. (U. S. 10 - North and South of Deer Lodge) .
	I 90-3 (8) 180 U 2	9-15-61	Six prestressed concrete beam bridges. One 123 foot - North Deer Lodge Interchange, One 118 foot - Milwaukee Avenue, One 168 foot - County Road, Dual 153 foot - Clark Fork, One 256 foot - Underpass South Deer Lodge Interchange, and two 20 foot concrete slab junior grade separations - County Roads. (U. S. 10 - North and South of Deer Lodge) .
	I 90-3 (8) 180 U 3	9-15-61	8.6 miles fencing. (U. S. 10 - North and South of Deer Lodge) .
	I 90-3 (10) 180	10-31-61	8.6 miles signing and delineation (U. S. 10 - North and South of Deer Lodge) .
8	I-IG-ING 15-4 (4) 184 U 1	9-15-61	1607 foot total length dual steel and concrete overpasses - GN RY, Boulder Avenue (U. S. 91 - Helena) .
	I-IG-ING 15-4 (4) 182 U 2	9-15-61	2.8 miles four lane divided, grading, drainage, surfacing, plant mix bituminous and seal coat oiling. Dual 260 foot steel girder bridges - Underpass - Colonial Club Interchange. (U. S. 91 - Helena - South) .
	I-IG-ING 15-4 (4) 182 U 3	9-15-61	2.8 miles fencing and cattle guards. (U. S. 91 - Helena - South) .
	I 15-4 (10) 182	12-15-61	2.8 miles signing and delineation (U. S. 91 - Helena - South) .
	I-IG-ING 15-4 (4) 182 U 4	6-30-62	1.3 miles four lane divided, grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (U. S. 91 - In Helena) .
	I 15-4 (5) 185 U 1	6-30-62	One 243 foot steel and concrete bridge - Underpass - Cedar Street Interchange. One 215 foot prestressed concrete beam bridge - Underpass - York Road Separation. (U. S. 91 - In Helena) .
	I-IG-ING 15-4 (4) 182 U 5	6-30-62	1.3 miles fencing and cattle guards. (U. S. 91 - In Helena) .
	I 15-4 (5) 185 U 2	6-30-62	One 558 foot - Riveted Plate Girder Bridge - Yellowstone River. (U. S. 10 - West of Columbus) .
9	I 90-8 (7) 394	9-15-61	4.2 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling. One 313 foot steel girder bridge - GN RY. One 168 foot prestressed concrete beam - Sunburst Interchange - Overpasses. (U. S. 91 - Sunburst North) .
10	I-IG 15-8 (6) 379 U 1	9-15-61	4.2 miles fencing and cattle guards. (U. S. 91 - Sunburst North) .
	I-IG 15-8 (6) 379 U 2	9-15-61	4.2 miles signing and delineation. (U. S. 91 - Sunburst North) .
11	I 15-8 (10) 379	9-15-61	6.7 miles (1.2 miles four lane divided) grading, drainage, surfacing, plant mix bituminous and seal coat oiling. One concrete slab junior grade separation. (U. S. 10 - North and South of Cascade) .
	I 90-1 (6) 43 U 1	9-15-61	6.7 miles fencing and cattle guards. (U. S. 10 - North and South of Superior) .
	I 90-1 (6) 43 U 3	9-15-61	6.7 miles signing and delineation. (U. S. 10 - North and South of Superior) .
12	I 90-7 (4) 330	9-30-61	730 foot - Dual Structures - Riveted Plate Girder Bridges - Yellowstone River. (U. S. 10 - South of Livingston) .
	I-IG 90-7 (9) 327 U 4	9-15-61	4.3 miles grading and sub-ballasting only of Northern Pacific Railway Line (U. S. 89 - South of Livingston) .
	I-IG 90-7 (9) 327 U 1	6-15-62	11.8 miles (11.0 miles four lane divided) grading, drainage, surfacing, plant mix bituminous and seal coat oiling. Construction of irrigation and water supply facilities. (U. S. 10 - West and East of Livingston) .
	I-IG 90-7 (9) 327 U 2	9-15-61	Ten prestressed concrete beam structures. Dual 113 foot overpasses - West Interchanges, Dual 251 foot overpasses - South Interchange, Dual Junior Grade Separation - Farm Road, Dual 128 foot overpasses, Singly Interchanges, One 279 foot underpass - East Interchange, One 210 foot Underpass - Mission Interchange. (U. S. 10 - West and East of Livingston) .
	I-IG 90-7 (9) 327 U 3	9-15-61	11.8 miles fencing and cattle guards. (U. S. 10 - West and East of Livingston) .
13	I-ING 15-2 (8) 118	9-15-61	4.2 miles (2.5 miles four lane divided) grading, drainage, surfacing, plant mix bituminous and seal coat oiling, three prestressed concrete bridges, One 210 foot Victor Interchange, One 599 foot and one 614 foot B.A.&P.RY., CMST P&P RY, and Clark Fork. (U. S. 91 - West of Butte) .
	I 15-2 (10) 118	9-15-61	4.2 miles signing and delineation. (U. S. 91 - West of Butte) .
14	I 94-6 (2) 216	9-15-61	4.2 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling. (U. S. 10 - East of Glendive) .
15	I 90-8 (10) 451	11-30-61	930 and 945 foot (dual) steel riveted plate girder bridges - Yellowstone River. (U. S. 10 - East of Billings) .
16	I 90-1 (7) 60 U 1	9-15-61	5.0 miles signing and delineation. (U. S. 10 - Southeast of Superior) .
17	I-IG 90-6 (2) 309 U 1	9-15-62	5.3 miles four lane divided, grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. Four prestressed concrete beam structures. Dual 113 foot overpasses - Bear Creek Interchange. Dual 128 foot overpasses - Trail Creek Interchange.
	I-IG 90-6 (2) 309 U 2	9-15-62	Dual 335 foot steel and concrete overpasses - N.P. RY. (U. S. 10 - East of Bozeman) .
18	I 94-3 (3) 114 U 1 &	10-15-62	5.3 miles fencing. (U. S. 10 - East of Bozeman) .
	I 94-4 (9) 119 U 1	5-31-62	6.2 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (U. S. 10 - East of Forsyth) .
	I 94-4 (3) 114 U 1	5-31-62	One 82 foot prestressed concrete beam bridge - Graveyard Creek. One 17 foot concrete slab, junior grade separation - Stockpass. (U. S. 10 - East of Forsyth) .
	I 94-3 (3) 114 U 3 &	10-15-62	6.2 miles fencing. (U. S. 10 - East of Forsyth) .
	I 94-4 (9) 119 U 2	10-15-62	
19	I 90-8 (8) 438 U 1	9-15-61	6.4 miles four lane, grading, drainage, surfacing, plant mix bituminous and seal coat oiling. Same construction on frontage roads. Two 153 foot prestressed concrete beam overpasses - Beet Dump Separation. (U. S. 10 - West of Billings) .
	I 90-8 (8) 438 U 2	10-1-61	6.4 miles fencing. (U. S. 10 - West of Billings) .
20	I 15-4 (9) 194 U 1	8-30-63	12.7 miles (7.7 miles four lane divided) grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. Dual 118 foot prestressed concrete beam overpasses - Gates of the Mountain Interchange. (U. S. 91 - North of Helena) .
	I 15-4 (9) 194 U 2	9-15-62	12.7 miles fencing and cattle guards. (U. S. 91 - North of Helena) .
21	I 94-4 (8) 120 U 1	10-15-62	7.3 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (U. S. 10 - West of Miles City) .
	I 94-4 (8) 120 U 2	5-31-62	One 173 foot prestressed concrete beam bridge - Underpass - Moon Creek Road Interchanges. (U. S. 10 - West of Miles City) .
	I 94-4 (8) 120 U 3	10-15-62	7.3 miles fencing. (U. S. 10 - West of Miles City) .
<u>FEDERAL AID PRIMARY PROJECTS</u>			
101	FHP 60-A *	1961	8.9 miles grading, drainage, surfacing and bituminous surface treatment. One 260 foot prestressed concrete girder bridge - Madison River. (Montana 287 - South of Ennis) .
	ROW FHP 60-A *	9-15-61	8.9 miles fencing. (Montana 287 - South of Ennis) .
102	F 84 (29) U 2	9-15-61	9.3 miles seal and cover oiling. (U. S. 2 - Wolf Point West) .
	F 232 (4) U 2	9-15-61	8.0 miles seal and cover oiling. (U. S. 2 - Wolf Point West) .
103	F 144 (5) U 2	9-15-61	2.0 miles seal and cover oiling. (U. S. 2 - In Nashua) .
	F 189 (5) U 2	9-15-61	8.2 miles seal and cover oiling. (U. S. 2 - Nashua - East) .
104	F 135 (17)	9-15-61	0.6 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling. (U. S. 10 - Miles City West) .
105	F 68 (9)	9-15-61	6.0 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling. (U. S. 10 A - Anaconda East) .
	F 68 (11)	10-31-61	6.0 miles signing and delineation. (U. S. 10 A - Anaconda East) .
106	F 220 (7)	9-15-61	0.5 miles grading, drainage, surfacing, road mix bituminous and seal coat oiling. (U. S. 2 - West of Cut Bank) .
107	F 214 (3) U 1	9-15-61	1.0 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling. (U. S. 91 - Helena) .
	F 214 (4)	12-15-61	0.7 miles signing and delineation (U. S. 91 - Helena) .
	U 249 (14) U 1 &	7-31-62	0.5 miles four lane divided, grading, aggregate surfacing and Portland Cement concrete paving. One 206 foot prestressed concrete beam overpass - G.N. RY. (U. S. 10 Bypass - In Helena) .
	U-UG 376 (3) U 1	7-31-62	9.3 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (Montana 43 - Wisdom West) .
	F 42 (1) U 1	8-31-62	One 215 foot prestressed concrete beam bridge - Big Hole River. (Montana 43 - Wisdom West) .
	F 42 (1) U 2	7-31-62	
109	F 58 (23), U 257 (14) U 1, &	9-15-61	2.2 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling. (U. S. 2 & 93 - In Kalispell) .
	F 270 (7) U 1	9-15-61	8.3 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling. (U. S. 2 - East of Culbertson) .
110	F 84 (27)	9-15-61	5.5 miles plant mix bituminous and seal coat oiling. (U. S. 2 - West of Culbertson East) .
	F 84 (28)	9-15-61	0.8 miles plant mix bituminous and seal coat oiling. (Montana 16 - Culbertson South) .
	F-FG 273 (11)	9-15-61	2.1 miles grading, drainage, and surfacing. (U. S. 2 - East of West Glacier) .
111	FHP 13-F6*	1961	0.3 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling. (U. S. 10 - West of Livingston) .
112	F 185 (6) U 1	6-15-62	0.3 miles fencing. (U. S. 10 - West of Livingston) .
	F 185 (6) U 3	9-15-61	



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Map Index Number	Project Number	Probable Completion Date	LENGTH, TYPE OF CONSTRUCTION AND LOCATION
113	F 333 (29) U 1 F 26 (6) U 1 & F333 (27) U 1	9-15-61 9-15-61	11.8 miles cement base stabilizing, plant mix bituminous and seal coat oiling . (Montana 19 E - North of Grass Range) . 11.2 miles grading, cement stabilized base, drainage, surfacing, plant mix bituminous and seal coat oiling . (Montana 19 E - Grass Range North) .
114	FHP 6 D 5 *	1961	Four prestressed concrete beam bridges. One 92 foot McDonald Creek, One 82 foot Chippewa Creek, One 92 foot Ford's Creek, Or 82 foot Little Box Elder Creek . (Montana 19 E - Grass Range - North) .
115	FHP 3110-22	9-15-61	2.3 miles grading, drainage, surfacing, and road mix bituminous oiling. (U. S. 10 A relocation - West of Thompson Falls) .
116	F 217 (12) U 1 F 217 (13) U 1	9-30-61 9-30-61	34.7 miles seal coat oiling. (U. S. 10 - Saltese - West & East) . 21.3 miles surfacing, plant mix bituminous and seal coat oiling . (U. S. 89 - South to North of Emigrant) .
117	NP 44A & 44A *	1961	2.7 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling . (U. S. 89 - South of Emigrant) .
118	FHP 20-B *	1961	10.9 miles grading, drainage, surfacing, and bituminous surface treatment . (Montana 17 - Northwest of East Glacier) . 9.4 miles grading, drainage, and four 60 foot concrete slab bridges. Three over Trail Creek and one over Ruby Creek (Montana 43 - West of Wisdom) .
119	U-F-FC 395 (4)	11-30-61	One 1126 foot steel riveted plate girder bridge - GN RY and Missouri River . (U. S. 87 - Bypass - Great Falls North) .
121	U 102 (7) U 1	9-15-61	0.3 miles grading, aggregate surfacing, plant mix bituminous and seal coat oiling . (Montana 19 - in Lewistown) .
122	F 13 (6)	9-15-61	4.0 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling . (U. S. 89 - South of Livingston) .
123	F 191 (20) U 1	9-15-61	7.3 miles (2.5 miles grading and drainage) aggregate surfacing, plant mix bituminous and seal coat oiling . (U. S. 93 - North of Polson) .
124	FHP 46-A4 *	1961	8.0 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling. One 60 foot reinforced girder bridge - South Fork Madison River.(U. S. 191 - West of West Yellowstone) .
125	F 235 (27) U 1	10-31-61	5.1 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. Three 83 foot prestressed concrete beam bridges - Otter Creek . (U. S. 87 - Southeast of Belt) .
126	F 86 (20) U 1	9-15-62	0.8 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (U. S. 12 - East of Miles City) .
127	F 184 (14)	9-15-61	1.1 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling . (U. S. 10 - North and South of Deer Lodge) .
128	F 191 (21)	9-15-61	7.2 miles widening roadway, aggregate surfacing, plant mix bituminous and seal coat oiling . (U. S. 93 - Kalispell North) .
129	F 43 (15) U 1	9-30-61	31.0 miles plant mix bituminous and seal coat oiling . (Montana 43 - East and West of Ralston) .
130	FAP 215 (3)	9-15-61	Traffic controls on Brooks Street, Middiosox Street, and North Avenue Intersection. (U. S. 93 - in Missoula) .
131	F 208 (3)	9-15-61	0.9 miles grading, drainage, surfacing, road mix bituminous and seal coat oiling. One 122 foot prestressed concrete beam bridge - Kennedy Creek . (U. S. 89 - North of Browning) .
132	F 260 (9)	9-15-61	20,175 foot steel guard rail . (U. S. 2 - West Glacier East) .
133	F 86 (19)	9-15-61	1.1 miles grading, drainage, cement stabilized base, plant mix bituminous and seal coat oiling . (U. S. 12 - in Baker) .
134	F 156 (11) U 2	11-30-61	One 138 foot prestressed concrete beam bridge - Pumpkin Creek . (U. S. 212 - South of Miles City) .
135	F 103 (10) U 1 & F 333 (28)U1	7-15-62	11.5 miles grading, cement stabilized base surfacing, drainage, plant mix bituminous and seal coat oiling. Widen 57 & 75 foot treated timber bridges to 36 foot - Box Elder Creek . (Montana 19 - Roy Northeast) .
136	F 237 (16) & F 267 (11)	9-15-61	29.8 miles (intermittent raising of grading) surfacing, plant mix bituminous and seal coat oiling . (Montana 20 - West & East of Ovando) .
137	FHP 32-A9 *	1961	5.0 miles grading, drainage, surfacing, and bituminous surface treatment . (U. S. 89 - South of Melhart) .
138	FHP 42-W2 *	1962	2.2 miles grading, drainage, aggregate surfacing and bituminous surface treatment . Widening of 105 foot Reinforced Concrete Girder Bridge - Grayling Creek.(U. S. 191 - North of West Yellowstone) .
139	F 65 (8) U 2	9-30-61	One 60 foot prestressed concrete beam bridge - Greenfielda South Canal . (U. S. 89 - Southeast of Fairfield) .
140	F 246 (9) U 1	6-30-62	9.2 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling . (Montana 20 S - West of Glendive) .
141	F 144 (6)	7-30-62	4.7 miles (2.3 miles four lane divided) grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. One 38 foot treated timber bridge - Goudge Coulee . (U. S. 2 - Glasgow East) .
142	F 156 (10) U 1 & F 156 (11)U1	9-15-62	13.2 miles grading, drainage, surfacing, plant mix bituminous surfacing. (U. S. 212 - Southeast of Miles City) .
143	F 50 (9)	10-1-61	2.5 miles (10,062 foot) guard rail . (Montana 20 - Northeast of Lincoln) .
144	F 180 (4) & U 277 (5)	9-15-61	3.2 miles minor grading, aggregate surfacing, plant mix bituminous and seal coat oiling . (U. S. 87 & 89 - in Great Falls) .
FEDERAL AID SECONDARY PROJECTS			
201	S 9 (9)	9-15-61	8.5 miles surfacing, plant mix bituminous and seal coat oiling. (Southeast of Boulder) .
202	S-G 272 (2)	10-15-61	1.7 miles aggregate surfacing, plant mix bituminous and seal coat oiling . (Southeast of Frenchtown) .
203	S 370 (12)	9-15-61	5.8 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling . (Northeast of Bozeman) .
204	S 32 (11)	11-15-61	7.4 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling. (Richey Northwest & Southeast) .
205	S 35 (10)	9-15-61	15.9 miles surfacing, plant mix bituminous and seal coat oiling . (West of Dillon) .
206	S 8 (10)	9-30-61	9.0 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling . (West of Scooby) .
207	S 7 (6) U 1	9-15-61	6.5 miles (1.9 miles four lane divided) grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (East of Kalispell) .
208	S 388 (1)	9-15-61	8.6 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling. One 198 foot prestressed concrete beam bridge - Sunday Creek . (North of Miles City) .
209	S 65 (4)	9-15-61	4.9 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling . (Southeast of Big Fork) .
210	S 366 (5)	9-15-61	0.5 miles surfacing, plant mix bituminous and seal coat oiling . (in Sunburst) .
211	S 242 (1)	9-15-61	4.4 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling . One 75 foot treated timber trestle - Big Sandy Creek . (North of Big Sandy) .
212	S 290 (12)	7-30-63	1.7 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. One 708 foot riveted plate girder bridge - Missouri River . (Fort Benton Southeast) .
213	S 221 (1)	9-15-61	5.0 miles grading, drainage, and surfacing . (West of Thompson Falls) .
214	S 304 (5)	9-15-61	6.7 miles grading, drainage, and surfacing . (Galen West) .
215	ERFO 40 (1)*	1961	3.8 miles grading . (Through Earthquake Slide - Southeast of Ennis) .
216	S 361 (10)	9-30-61	5.5 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling . (East of Girard) .
217	S 257 (4)	9-15-61	3.8 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling . (Glasgow - West) .
218	S 273 (3) U 1	9-30-61	0.8 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling . (Northeast of Emigrant) .
219	S 258 (3)	10-17-61	6.7 miles grading, drainage, and aggregate surfacing . (North of Rock Springs) .
220	S 2 (7)	9-15-61	7.3 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling . (Milborn - Southeast) .
221	S 180 (1)	9-15-61	7.6 miles grading, drainage, aggregate surfacing and one 100 foot treated timber trestle bridge - Little Muddy Creek . (Bainville Southeast) .
222	S 329 (4) U 1	9-30-61	10.3 miles drainage, aggregate surfacing, plant mix bituminous and seal coat oiling . (Eden North) .
223	S 330 (1) U 1	9-15-61	2.5 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling . (East Helena Southwest) .
224	FHP 5-2 (1) *	1961	4.7 miles grading and drainage . (South of Troy) .
225	S 13 (5)	10-1-61	5.3 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling . (Rudyard North) .
226	S 218 (4)	9-15-61	1.4 miles aggregate surfacing, plant mix bituminous and seal coat oiling . (39th Street - South of Missoula) .
227	S 218 (5)	9-15-61	Traffic Controls (Brooks & Russell Street Intersection - South of Missoula) .
228	S-US 220 (2)	9-15-61	1.2 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling . (Higgins Avenue Extension - South of Missoula) .
229	S 298 (2)	9-15-61	Traffic Controls . (Brooks Street & Second Avenue Intersection - South of Missoula) .
227	S 328 (1)	11-15-61	1.2 miles grading, drainage, aggregate surfacing, road mix bituminous and seal coat oiling. Two prestressed concrete beam bridges, One 173 foot - West Fork Bitterroot River, One 198 foot - East Fork Bitterroot River . (South of Darby) .
228	S 368 (3)	7-30-62	0.6 mile grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling . (Junction U. S. 2 - East of Glasgow North) .
229	S 368 (14)	7-30-62	1.4 miles aggregate surfacing, plant mix bituminous and seal coat oiling. (Junction U. S. 2 - East of Glasgow North) .
229	S 73 (4)	8-1-62	8.4 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling. (East of Reserve) .
230	S 121 (3)	7-15-62	5.3 miles grading, drainage and aggregate surfacing . (Utica East) .
231	S 136 (2) U 1	10-1-61	10.5 miles aggregate surfacing, plant mix bituminous and seal coat oiling. (Belfry South) .
232	S 303 (4)	9-15-61	5.3 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling . (Chester South)
233	S 167 (6)	7-15-62	5.0 miles grading, drainage, surfacing and bituminous surface treatment.(Northwest of Harrison) .
234	S 68 (4)	9-15-61	10.5 miles plant mix bituminous and seal coat oiling . (Hilger North) .
235	S 187 (8) U 1	10-15-61	10.6 miles minor grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling . (From Junction Montana 19 Northwest) .
236	S 260 (3) U 1	10-15-61	11.4 miles aggregate surfacing and plant mix bituminous oiling . (Lodge Grass - West) .
237	S 50 (4)	11-1-61	8.0 miles grading, drainage and aggregate surfacing . (South of Hysham) .
238	S 66 (2) U 1	9-15-61	1.2 miles aggregate surfacing, plant mix bituminous and seal coat oiling . (Emigrant - Southeast) .
239	S 266 (1)	9-15-61	9.8 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling . (Northwest of Browning) .
240	S 291 (4)	9-15-61	6.3 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling . (Avon Northwesterly) .
241	S 291 (6)	6-30-62	5.4 miles grading, cement stabilized base - drainage, plant mix bituminous and seal coat oiling . (Northwest of Avon) .
243	S 179 (4)	8-15-62	6.3 miles grading, drainage and aggregate surfacing . (Hogeland West) .
OFF SYSTEM PROJECTS			
301	FHP 2-A2, B2 & 12-A2 *	1961	7.2 miles grading and aggregate base . (Two Medicine Road & Approach - Northwest of East Glacier) .
- Bureau of Public Roads Project.			

Map Index Number	Project Number	Probable Completion Date	LENGTH, TYPE OF CONSTRUCTION AND LOCATION
FEDERAL AID INTERSTATE PROJECTS			
1	1 15-1 (11) 37 U 1	9-30-62	7.8 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (U. S. 91 - South to North of Armstead) .
	1 15-1 (11) 37 U 2	6-30-62	Four prestressed concrete beam structures, One 143 foot - Red Rock River, One 107 foot - County Road Separation, One 153 foot - Horse Prairie Interchange, One 173 foot - Beaverhead River. (U. S. 91 - South to North of Armstead) .
	1 15-1 (11) 37 U 3	10-31-61	7.8 miles fencing and cattle guards. (U. S. 91 - South to North of Armstead) .
	1 15-5 (13) 239 U 1	6-30-62	9.7 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. Same construction in frontage road. (U. S. 91 - South to North of Cascade) .
	1 15-5 (13) 239 U 2	10-31-61	Four prestressed concrete beam structures, One 133 foot - Tintinger Interchange, One 82 foot - Frontage Road Separation, One 138 foot - South Cascade Interchange, One 123 foot - North Cascade Interchange . (U. S. 91 - South to North of Cascade) .
3	1 15-5 (13) 239 U 3	6-30-62	9.7 miles fencing . (U. S. 91 - South to North of Cascade) .
	1 94-4 (6) 136 U 1	9-15-62	11.6 miles grading, drainage, aggregate surfacing, Portland Cement Paving, plant mix bituminous and seal coat oiling. Three 20 foot and two 10 foot concrete slab junior grade separations. One 168 foot prestressed concrete beam structure - Baker Road Interchange U. S. 12 (U. S. 10 - Miles City - East) .
4	1 94-4 (6) 136 U 2	10-16-62	11.6 miles fencing . (U. S. 10 - Miles City East) .
	1 94-4 (5) 127 U 1	9-15-61	8.5 miles (0.8 miles four lane divided) grading, drainage, surfacing, Portland Cement Paving, plant mix bituminous and seal coat oiling. One 214 foot prestressed concrete beam overpass - Radar Base Interchange. Three concrete slab junior grade separations . (U. S. 10 - Miles City West) .
5	1 94-4 (5) 127 U 2	9-15-61	8.5 miles fencing (U. S. 10 - Miles City West) .
6	1 15-2 (7) 127	9-15-61	Dual 168 foot steel girder overpasses - Montana Street interchange . (U. S. 91 - in Butte) .
	1 15-5 (9) 275 U 1	9-15-61	8.3 miles four lane divided, grading, drainage, surfacing, plant mix bituminous and seal coat oiling . (U. S. 91 - West of Great Falls) .
	1 15-5 (9) 275 U 3	9-15-61	8.3 miles fencing (U. S. 91 - West of Great Falls) .
7	1 90-3 (8) 180 U 1	9-15-61	8.6 miles (1.0 mile four lane divided) grading, drainage, surfacing, plant mix bituminous and seal coat oiling . (U. S. 10 - North and South of Deer Lodge) .
	1 90-3 (8) 180 U 2	9-15-61	Six prestressed concrete beam bridges. One 123 foot - North Deer Lodge Interchange, One 118 foot - Milwaukee Avenue, One 168 foot - County Road, Dual 153 foot - Clark Fork, One 256 foot - Underpass South Deer Lodge Interchange, and two 20 foot concrete slab junior grade separations - County Roads . (U. S. 10 - North and South of Deer Lodge) .
	1 90-3 (8) 180 U 3	9-15-61	8.6 miles fencing . (U. S. 10 - North and South of Deer Lodge) .
8	1 90-3 (10) 180	10-31-61	8.6 miles signing and delineation (U. S. 10 - North and South of Deer Lodge) .
	1-1G-1NG 15-4 (4) 184 U 1	9-15-61	1607 foot total length dual steel and concrete overpasses - GN RY and NF RY, Boulder Avenue (U. S. 91 - Helena) .
	1-1G-1NG 15-4 (4) 182 U 2	9-15-61	2.8 miles four lane divided, grading, drainage, surfacing, plant mix bituminous and seal coat oiling. Dual 260 foot steel girder bridges - Underpass - Colonial Club Interchange . (U. S. 91 - Helena - South) .
	1-1G-1NG 15-4 (4) 182 U 3	9-15-61	2.8 miles fencing and cattle guards.(U. S. 91 - Helena - South) .
	1 15-4 (10) 182	12-15-61	2.8 miles signing and delineation (U. S. 91 - Helena - South) .
	1-1G-1NG 15-4 (4) 182 U 4	6-30-62	1.3 miles four lane divided, grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling . (U. S. 91 - in Helena)
	1 15-4 (5) 185 U 1	6-30-62	One 243 foot steel and concrete bridge - Underpass - Cedar Street Interchange . One 215 foot prestressed concrete beam bridge - Underpass - York Road Separation.(U. S. 91 - in Helena) .
	1-1G-1NG 15-4 (4) 182 U 5	9-15-61	1.3 miles fencing and cattle guards . (U. S. 91 - in Helena) .
	1 15-4 (5) 185 U 2	6-30-62	One 558 foot - Riveted Plate Girder Bridge - Yellowstone River . (U. S. 10 - West of Columbus) .
9	1 90-8 (7) 394	9-15-61	4.2 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling . One 313 foot steel girder bridge - GN RY .
10	1-1G 15-8 (6) 379 U 1	9-15-61	One 168 foot prestressed concrete beam - Sunburst Interchange - Overpasses . (U. S. 91 - Sunburst North) .
	I-IC 15-8 (6) 379 U 2	9-15-61	4.2 miles fencing and cattle guards . (U. S. 91 - Sunburst North) .
	1 15-8 (10) 379	9-15-61	4.2 miles signing and delineation . (U. S. 91 - Sunburst North) .
11	I 90-1 (6) 43 U 1	9-15-61	6.7 miles (1.2 miles four lane divided) grading, drainage, surfacing, plant mix bituminous and seal coat oiling. One concrete slab junior grade separation . (U. S. 10 - North and South of Cascade) .
	I 90-1 (6) 43 U 3	9-15-61	6.7 miles fencing and cattle guards . (U. S. 10 - North and South of Superior) .
	1 90-1 (15) 43	10-30-61	6.7 miles signing and delineation . (U. S. 10 - North and South of Superior) .
12	1 90-7 (4) 330	9-30-61	730 foot - Dual Structure - Riveted Plate Girder Bridges - Yellowstone River.(U. S. 10 - South of Livingston) .
	1-1G 90-7 (9) 327 U 4	9-15-61	4.3 miles grading and sub-ballasting only of Northern Pacific Railway Line (U. S. 89 - South of Livingston) .
	1-1G 90-7 (9) 327 U 1	6-15-62	11.8 miles (11.0 miles four lane divided) grading, drainage, surfacing, plant mix bituminous and seal coat oiling. Construction of irrigation and water supply facilities . (U. S. 10 - West and East of Livingston) .
	1-1G 90-7 (9) 327 U 2	9-15-61	Ten prestressed concrete beam structures. Dual 113 foot overpasses - West Interchange, Dual 251 foot overpasses - South Interchange, Dual Junior Grade Separation - Farm Road, Dual 128 foot overpasses, Swingly Interchange, One 279 foot underpass - East Interchange, One 210 foot Underpass - Mission Interchange.(U. S. 10 - West and East of Livingston) .
13	1-IC 90-7 (9) 327 U 3	9-15-61	11.8 miles fencing and cattle guards.(U. S. 10 - West and East of Livingston) .
	1-1NG 15-2 (8) 118	9-15-61	4.2 miles (2.5 miles four lane divided) grading, drainage, surfacing, plant mix bituminous and seal coat oiling, three prestressed concrete bridges, One 210 foot Victor Interchange, One 599 foot and one 614 foot B.A.&P.RY., CMST P&P RY, and Clark Fork . (U. S. 91 - West of Butte) .
	1 15-2 (10) 118	9-15-61	4.2 miles signing and delineation. (U. S. 91 - West of Butte) .
14	1 94-6 (2) 216	9-15-61	4.2 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling . (U. S. 10 - East of Glendive) .
15	1 90-8 (10) 451	11-30-61	930 and 945 foot (dual) steel riveted plate girder bridges - Yellowstone River . (U. S. 10 - East of Billings) .
16	1 90-1 (7) 60 U 1	9-15-61	5.0 miles signing and delineation . (U. S. 10 - Southeast of Superior) .
17	I-IG 90-6 (2) 309 U 1	9-15-62	5.3 miles four lane divided, grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. Four prestressed concrete beam structures. Dual 113 foot overpasses - Bear Creek Interchange. Dual 128 foot overpasses - Trail Creek Interchange.
	1-1G 90-6 (2) 309 U 2	9-15-62	Dual 335 foot steel and concrete overpasses - R.P. RY. (U. S. 10 - East of Bozeman) .
18	1 94-3 (3) 114 U 1 &	10-15-62	5.3 miles fencing . (U. S. 10 - East of Bozeman) .
	1 94-4 (9) 119 U 1		6.2 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. (U. S. 10 - East of Forsyth) .
	1 94-4 (3) 114 U 1	5-31-62	One 82 foot prestressed concrete beam bridge - Graveyard Creek . One 17 foot concrete slab, junior grade separation - Stockpass . (U. S. 10 - East of Forsyth) .
	1 94-3 (3) 114 U 3 &	10-15-62	6.2 miles fencing . (U. S. 10 - East of Forsyth) .
	I 94-4 (9) 119 U 2		
19	1 90-8 (8) 438 U 1	9-15-61	6.4 miles four lane, grading, drainage, surfacing, plant mix bituminous and seal coat oiling. Same construction on frontage roads. Two 153 foot prestressed concrete beam overpasses - Boat Dump Separation . (U. S. 10 - West of Billings) .
20	1 90-8 (8) 438 U 2	10-1-61	6.4 miles fencing . (U. S. 10 - West of Billings) .
	1 15-4 (9) 194 U 1	8-30-63	12.7 miles (7.7 miles four lane divided) grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling. Dual 118 foot prestressed concrete beam overpasses - Gates of the Mountain Interchange . (U. S. 91 - North of Helena) .
21	1 15-4 (9) 194 U 2	9-15-62	12.7 miles fencing and cattle guards . (U. S. 91 - North of Helena) .
	1 94-4 (8) 120 U 1	10-15-62	7.3 miles grading, drainage, aggregate surfacing, plant mix bituminous and seal coat oiling . (U. S. 10 - West of Miles City) .
	1 94-4 (8) 120 U 2	5-31-62	One 173 foot prestressed concrete beam bridge - Underpass - Moon Creek Road Interchange . (U. S. 10 - West of Miles City) .
	1 94-4 (8) 120 U 3	10-15-62	7.3 miles fencing . (U. S. 10 - West of Miles City) .
FEDERAL AID PRIMARY PROJECTS			
101	FHP 60-A *	1961	8.9 miles grading, drainage, surfacing and bituminous surface treatment . One 260 foot prestressed concrete girder bridge - Madison River . (Montana 287 - South of Ennis) .
	ROW FHP 60-A *	9-15-61	8.9 miles fencing . (Montana 287 - South of Ennis) .
102	F 84 (29) U 2	9-15-61	9.3 miles seal and cover oiling . (U. S. 2 - Wolf Point West) .
	F 232 (4) U 2	9-15-61	8.0 miles seal and cover oiling . (U. S. 2 - Wolf Point West) .
103	F 144 (5) U 2	9-15-61	2.0 miles seal and cover oiling . (U. S. 2 - in Nashua) .
	F 189 (5) U 2	9-15-61	8.2 miles seal and cover oiling . (U. S. 2 - Naahua - East) .
104	F 135 (17)	9-15-61	0.6 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling . (U. S. 10 - Miles City West) .
105	F 68 (9)	9-15-61	6.0 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling . (U. S. 10 A - Anaconda East) .
	F 68 (11)	10-31-61	6.0 miles signing and delineation . (U. S. 10 A - Anaconda East) .
	F 220 (7)	9-15-61	0.5 miles grading, drainage, surfacing, road mix bituminous and seal coat oiling . (U. S. 2 - West of Cut Bank) .
	F 214 (4)	12-15-61	1.0 miles grading, drainage, surfacing, plant mix bituminous and seal coat oiling . (U. S. 91 - Helena) .
	U 249 (14) U 1 &	7-31-62	0.7 miles signing and delineation (U

NEWS FROM THE DIVISIONS

Division 120 - Kalispell

LAST OF THE 'HE-MEN'

These were the words inscribed on a miniature Scoop Shovel presented to George Doney at a retirement party held in his honor on July 8, 1961 at Hennessy's in Kalispell. Perhaps to some of you the title doesn't mean much, but to those who have known and worked with George, there can be no doubt in their minds that the inscription is justified.



George Downey's Last Day

With the retirement of this congenial, hard-working Section-man on June 15, 1961, after 33 years of faithful service, went one of the last of the "Shovel Operators". To those of you who have known and worked with George, know his love for hard work and the "Muck Stick." To some of the younger men in maintenance work the word "muck stick" may not be too familiar due to modern day machinery methods, so just in case you may be interested in its operation, I's sure Mr. Doney would be more than happy to demonstrate the proper technique of "Shovel Operation."

George was born in a little town called Burlington, Montana, some few years ago. After a liberal education and some ranching and also as foreman of the Doney Lumber Co. at Evaro, Montana, he went to work for the Montana Highway Dept. on May 14, 1928, for H. H. Kuphal, Division Engineer of Missoula with a team of horses and with the title of teamster. Some of his later

duties included Patrolman, Laborer, Graderman, Truck Driver and Section-man, a position he has held in the Polson area since June 16, 1941. When asked what his plans were for the future, he says, "to take it easy," but knowing George, this is highly improbable. He does like to fish though and may decide to spend some of the winters in California.



George Doney and friends at the banquet in his honor. Left to right, back table: Mr. and Mrs. Dale Edwards and Mr. and Mrs. Joe Conn. Front table: Wayne Bull, George Doney and Chet Kennedy (all these gentlemen are now retired.)

At the party held in his honor he was presented with a 17-Jewel Elgin wrist watch and eight cans of snuff by each of the eight sectionmen present. There were 60 guests present at the occasion and everyone enjoyed the evening. Master of ceremonies for the evening was Al Fopp with presentations made by Fred Wells, Maintenance Engineer and Francis "Bum" Toombs, Maintenance Foreman.

Also at the event was Dale Edwards, Joe Conn, Wayne Bull and Chet Kennedy welcoming George into the ranks of the retired.

Butte Division

Miss Sylvia Lueck, stenographer in the Right-of Way Department of the Butte Division, has resigned and Miss Marie Hepler is the new stenographer. We regret seeing Miss Lueck leave. However, we are happy to welcome Miss Hepler to our Butte Office.

Bozeman Division

Baby boy Massee arrived in White Sulphur Springs July 8, 1961. He joins eight brothers and sisters in maintenance man Gerald W. Massee's household.

(Continued on page 8)

The newest prospect for a stenographer's position with the State Highway Commission in the year 1978 arrived on Project I IG 90-7 (9) 327 U 1 June 17, 1961. Her name is Rhonda Louise Hoyem, the daughter of Rodman Ronald T. Hoyem and his wife Marge of Livingston.

Arthur F. Phipps, Rodman on Project I IG 90-7 (9) 327 U 1, Livingston South and East, has returned to work following a hernia operation.

Glendive Division



Wayne Scott

Wayne Scott has recently been discharged from the Armed Forces and will return to his duties in the Glendive Lab on July 17, 1961, where he

worked before enlistment. We are all glad to have him back on the roster of highway employees.

A terrific wind, rain and hail storm struck Glendive between 4:00 and 5:00 on June 29, 1961, with a small tornado hitting in the south part of the City of Glendive. First estimate of damage was \$500,000.00 but as claims are coming in the estimated damage has been revised upward. Almost every building in town received damage to roofs and windows and all cars not under shelter were damaged. Highway buildings had 27 broken windows and damage to roof which will have to be partially replaced. The hail coming before the rain, stripped leaves and branches from trees and plugging most of the storm sewer inlets and highway building had two feet of water in the basement, but the only damage from water was the work of cleaning out the silt and debris. Although water was over the road in numerous places adjacent to Glendive, the damage was minor and traffic was detained only a short time. It does not rain very often in Glendive, but when it rains, it really rains. 2.28 inches of rain in 45 minutes.

The Center Line
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Helena, Montana



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